

Operational Test Setup- Boiler Tests

Load (MWgross) 875
Controls – boiler to manual (throttling control valves okay- this is not a turbine test at valves wide open)

Main Steam Temp (F) 1005
Main Steam spray (kp/h) <150
Hot Reheat Temp (F) 1005
Reheat Sprays (kp/h) 0

O2 levels During Test 1 changes from 3.5%, 3.0%, 2.5%, 2.0% & 1.5% at 3 hour increments
 Note: 1.5% is worse case condition and will only be ran if can demonstrate stable conditions
 During Test 2, O2= 2.5%

FEGT target (F) 2200
NOx level target (#/mbtu) 0.37
Primary Air Duct Press ("wc) 45

Sootblowing as required to achieve Main Stm, HRH and FEGT temps
 No sootblowing (during the test period), sootblowing is allowed between each test

Pulverizer Configuration U1H o/s, Sec air damper – 35%
 Note- No pulverizer biasing (unless absolutely necessary due to unmanageable coal dribble)

Need all normally running equipment in-service (7 Pulv, all FD, PA & ID fans, etc.). This ensures good uniform air and gas flow distribution.

No boiler lowdown
No air preheat

Coal Supply – No westridge coal
 No Rocks, please

NOTES:

- 1) Do not washdown boiler in the backpass areas, due to test equipment, analyzers and computers. We will try to cover this equipment each night to keep coal dust off.
- 2) PI system – needs to be up and running, no downtime or backups
- 3) CEM system – Info- PI interface needs to be working